

## **REMARKS**

This AMENDMENT UNDER 37 C.F.R. §1.111 is filed in reply to the outstanding Office Action of August 20, 2004, and is believed to be fully responsive thereto for reasons set forth below in greater detail.

Initially, Claims 1-8 have been reviewed and amended to place them more in conformance with accepted U.S. patent practice, and to further clarify the claims, particularly independent Claim 1.

Reconsideration is respectfully requested of the rejection of Claims 1-7 under 35 USC 103(a) as being unpatentable over Wills, et al. in view of Huber and Cloud III, et al., with the explanation, "Wills, et al. discloses circuit for actuation of motor main drive operated from frequency converter with bridge see Fig. 7 and Fig. 3. Wills, et al. lacks disclosing auxiliary drive and domestic appliance. Huber discloses auxiliary drive see col. 7 lines, 30-46 and abstract. Cloud, III, et al. discloses domestic appliance see Fig. 1 and abstract. It would have been obvious to one of ordinary skill in the art to combine the circuit of Wills, et al. with the auxiliary drive of Huber and appliance of Cloud, III, et al. for fast and accurate positioning and guidance for improved control."

The present invention concerns a circuit arrangement for the actuation of an electric-motor drive, in particular a pump drive, in a large domestic appliance such as a washing machine or dishwasher. The domestic appliance has both a main drive (17) and an auxiliary drive (24) that are supplied power from the same dc voltage intermediate circuit (19) and half-

bridge circuits (21, 21') by way of change-over switch sets (12). A frequency converter (15) with its bridge circuit (21) for the main drive is switched over in single-pole or multiple mode to the rotary field motor of the auxiliary drive by way of the change-over switch sets connected in its output-side motor lines (13), or in the frequency converter (15) two half-bridge circuits (21, 21'), which are associated with the main drive and the auxiliary drive that are operated in parallel from the same dc voltage intermediate circuit.

The inventors believe that the cited references are not particularly pertinent to the present invention.

Wills, et al. (U.S. Patent No. 6,121,749) disclose the control of a motor in accordance with the usual state of the technology by means of a frequency converter with a rectifier, a direct current intermediate circuit and an AC/DC rectifier. Hereby, the AC/DC rectifier is formed by two parallel connected switching bridges, and at a central tap off there are connected the corresponding motor pole windings. This type of control merely relates to the preamble portion of Claim 1.

Huber, U.S. Patent No. 4,698,938 merely describes that a sliding door is moved by means of two differently controlled motors. This has no connection with regard to the present invention.

Cloud, III, et al. (U.S. Patent No. 6,301,743 B1) relates to the control of two motors of a vacuum cleaner, wherein the motors are each respectively connected through their

own track, which is connected with its own input of the control IC. This motor control does not require any kind of frequency converter, and consequently, does not provide any kind of information to one skilled in the art by means of which one and the same direct current intermediate circuit of a frequency converter can actuate two motors, as is specified by Claim 1.

In summation, the cited prior art references do not come close to disclosing or teaching the subject matter of Claim 1 of the present application.

An INFORMATION DISCLOSURE STATEMENT is filed herewith to cite and provide copies of several prior art patents and publications that were cited in the corresponding German application during the prosecution thereof.

This application is now believed to be in condition for allowance, and a Notice of Allowance is respectfully requested. If the Examiner believes a telephone conference might expedite prosecution of this case, it is respectfully requested that he call applicant's attorney at (516) 742-4343.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William C. Roch". The signature is fluid and cursive, with the first name "William" and last name "Roch" clearly distinguishable.

William C. Roch  
Registration No. 24,972

SCULLY, SCOTT, MURPHY & PRESSER  
400 Garden City Plaza, Suite 300  
Garden City, New York 11530  
(516) 742-4343

WCR:gc